

County: Marshall
 Permit #: _____
 Driller: Garner Hovis
 Date drilling completed: 12/18/06

State Well Report
Part I - Driller's Log
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

For Office Use Only:
 Aquifer: _____
 Well #: D-109
 L. S. Elevation: _____
 E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

| Information on Well Owner (Landowner if borehole is not for a water well) | Well or Borehole Location |
|---|--|
| Owner Name: <u>Standard Construction</u> Mailing Address: <u>P.O. Box 38288</u> <u>Germentown TN 38183</u> City State Zip Code Telephone No.: <u>(901) 853-2335</u> | Latitude: <u>34° 54' 19"</u> Longitude: <u>81° 41' 13"</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SW ¼ SW ¼ Sec 13 Twn 25 Rng 85W</u> Distance Direction Nearest Town <u>4 Miles S of Bartow MS</u> |

Well / Borehole Data

Date drilling started: 12/18/06 Date drilling completed: 12/18/06 Hole depth: 198' Hole diameter: 6 3/4"

Location of the source of any surface water used for drilling: NONE

Method of dosing and volume of Chlorine used in drilling and development: 1/2 lbs. granular chlorine

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____ Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home _____ Industrial Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 115' feet above or below (circle one) land surface Date measured: 12/18/06

Method of Measurement (circle one) steel tape electric tape air line other: string + weight

Well depth: 198' Well grouted to a depth of 50' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 178' feet Casing diameter: 4" inches Type of casing: plastic

Screen length: 20' feet Screen diameter: 4" inches Type of screen: plastic

Screen slot size: 013 inches Setting depth: From 178' feet to 198' feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): _____

Top of borehole or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: _____
 Permit #: _____
 Driller: _____
 Date completed: _____
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: D-109
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

| Well Owner Information | Well Location |
|--|--|
| Owner Name: <u>Standard Construction Co.</u> | Latitude: _____ Longitude: _____ |
| Mailing Address: <u>P.O. Box 38289</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Germanatown TN 38183</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code | <u>SW 1/4 SW 1/4 Sec 13 T25S R65W</u> |
| Telephone No. <u>(901) 853-2335</u> | Distance Direction Nearest Town |
| | <u>4 Miles S of Barton MS.</u> |

| Pump Type Circle one | Power Type Circle one |
|---|---|
| Air Lift Jet <u>Submersible</u> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston Turbine | <u>Electric Motor</u> Hand Tractor PTO |
| Centrifugal Rotary Flowing Well | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>1 1/2</u> |
| Date Pump Installed: <u>12/20/06</u> | Setting Depth: <u>140'</u> feet |
| Rated Pump Capacity: <u>18</u> Gallons Per Minute | Number of Stages: <u>13</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|---|---|
| Date Well Tested: <u>12/20/06</u> | Air Line Electric Measuring Line Steel Tape |
| Static Water Level (A): <u>115'</u> Feet Below Land Surface | Other (specify): <u>string & weight</u> |
| Pumping Water Level (B): <u>N/A</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B) - (A)]: <u>N/A</u> Feet Below Land Surface | Well yielded <u>18</u> GPM with a drawdown of |
| Test Pumping Rate: <u>18</u> Gallons Per Minute | <u>N/A</u> feet after <u>24</u> hours of pumping |
| Duration of Pump Test (minimum 4 hours): <u>24</u> hours | |

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

GARNER Houston 0-424 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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